

INTERNATIONAL SEARCH REPORT

Interr. Application No
PCT/EP 03/14574

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B29C33/38 B29C41/04 F24F13/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B29C F24F G06F F24H F25D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 195 29 400 A (FUNKEN & CO GMBH) 13 February 1997 (1997-02-13) the whole document	1,3-5,8, 9,11,12 2,6,7,13
Y	EP 0 979 978 A (BSH FABRICACION S A) 16 February 2000 (2000-02-16) column 2, line 45 - line 56; claims 1-5,8; figures	2,6,7
Y	FR 2 798 913 A (NEVEUX ETS) 30 March 2001 (2001-03-30) page 7, lines 1-10 page 6, lines 2-10	13
	----- -/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

6 July 2004

Date of mailing of the International search report

13/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl
Fax: (+31-70) 340-3016

Authorized officer

Mathey, X

INTERNATIONAL SEARCH REPORT

Intern'l Application No
PCT/EP 03/14574

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	SEIBI A C ET AL: "Design of copper filled fibreglass moulds for manufacturing a customized product using linear programming optimization and finite element analysis" COMPOSITES PART A: APPLIED SCIENCE AND MANUFACTURING, ELSEVIER SCIENCE PUBLISHERS B.V., AMSTERDAM, NL, vol. 33, no. 12, 1 December 2002 (2002-12-01), pages 1677-1683, XP004402589 ISSN: 1359-835X page 1689 - page 1690, left-hand column; figures 4-6 -----	8-10
Y	EP 0 529 087 A (FANUC LTD) 3 March 1993 (1993-03-03) column 1, line 22 - line 42 -----	8-10
X	EP 0 761 976 A (FUNKEN & CO GMBH) 12 March 1997 (1997-03-12)	1,4,5,8, 9,12
Y	the whole document -----	2,3,6,7
Y	DE 84 21 866 U (ERICH DENKER) 9 October 1986 (1986-10-09)	2,3,6,7
A	the whole document -----	9,10
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05, 30 April 1998 (1998-04-30) & JP 10 000627 A (MATSUSHITA ELECTRIC WORKS LTD), 6 January 1998 (1998-01-06) abstract -----	9-11

INTERNATIONAL SEARCH REPORT

Intern	al Application No
PCT/EP 03/14574	

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 19529400	A	13-02-1997		DE 19529400 A1 AT 196530 T DE 59605912 D1 DK 767309 T3 EP 0767309 A1 ES 2151982 T3 GR 3035111 T3		13-02-1997 15-10-2000 26-10-2000 22-01-2001 09-04-1997 16-01-2001 30-03-2001
EP 0979978	A	16-02-2000		ES 2160447 A1 EP 0979978 A2		01-11-2001 16-02-2000
FR 2798913	A	30-03-2001		FR 2798913 A1 PT 102516 A ,B		30-03-2001 30-03-2001
EP 0529087	A	03-03-1993		JP 2649993 B2 JP 5185484 A DE 69219034 D1 DE 69219034 T2 EP 0529087 A1 WO 9214598 A1 KR 9708244 B1 US 5549857 A		03-09-1997 27-07-1993 22-05-1997 24-07-1997 03-03-1993 03-09-1992 22-05-1997 27-08-1996
EP 0761976	A	12-03-1997		DE 19529401 A1 AT 206505 T DE 59607813 D1 DK 761976 T3 EP 0761976 A1 ES 2161949 T3 PT 761976 T		13-02-1997 15-10-2001 08-11-2001 21-01-2002 12-03-1997 16-12-2001 30-01-2002
DE 8421866	U	09-10-1986		DE 8421866 U1		09-10-1986
JP 10000627	A	06-01-1998		NONE		